

[54] SCAN CONTROL FOR LIGHT BEAM POSITION INDICATOR

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ABSTRACT

A crossed light beam position indicator includes orthogonal arrays of paired light emitters and detectors for covering a display surface with crossed light beams, scanning means coupled to the emitters and detectors for electronically scanning the orthogonal arrays such that a single emitter at any one time is emitting light. Improved scanning means include means for scanning the detector associated with a particular emitter and in addition scanning one or more adjacent detectors during the time that a single emitter is activated to provide plural light paths from a single emitter and thus more precisely define the position of an object placed in proximity to the display surface.

12 Claims, 8 Drawing Figures